

Amendment of the Claims

1. (Currently Amended): A pluggable service delivery platform for supporting many devices requesting many services in an e-business application, comprising:

a device-platform interface, for accepting device requests issued by devices wherein said device requests are in a device specific formatrepresentation mode ~~which is adapted for the devices~~, transforming the device requests into XML requests and then sending the XML requests to a platform kernel section ~~via HTTP protocol~~, and transforming XML responses which are returned by the platform kernel section into the device specific formatrepresentation mode, said device-platform interface comprising: (1) a common transcoding section, for transcoding between the device specific formatrepresentation mode and XML; and (2) a device dependent component, the device dependent component comprising device type and transmitting protocol information; and

a service-platform interface, for abstracting service requirements of the services as a common base, providing an adapter for each of the services based on the service requirements, the adapter for transforming between service responses issued by the services and the XML responses; and,

wherein thea platform kernel section; is for managing user information, device information and service information, providing one of a synchronized and an asynchronized service engine, providing interfaces with modules in the platform kernel section, and transferring the XML requests and the XML responses among the modules and between services and devices.

2. (Previously Presented): A pluggable service delivery platform according to claim 1, wherein said platform kernel section further comprises three layers: a run-time layer, an administration layer, and a development layer; the run-time layer, the administration layer and the development layer are associated via a platform API; the run-time layer provides on-line information access, the administration layer is responsible for adding and deleting the user information, the device information and the service information, and the development layer provides support to new services and new devices.

3. (Currently Amended): A pluggable service delivery platform according to claim 1, wherein said platform kernel section further comprises: a profile manager, a billing interface, and a ~~platform run status manager~~ platform runtime monitor.

4. (Currently Amended): A pluggable service delivery platform according to claim 1, wherein said one of a synchronized and an asynchronized service engine provides synchronized requests ~~based on~~ managed by a session and asynchronized requests ~~based on~~ managed by a queue.

5. (Previously Presented): A pluggable service delivery platform according to claim 3, wherein said profile manager is used for managing the user information, the service information and the device information.

6. (Previously Presented): A pluggable service delivery platform according to claim 1, wherein said device-platform interface provides a corresponding gateway for each of the devices, for transforming the XML response into a file format which is adapted for the devices and transforming among communication protocols based on script languages of the devices stored in said device information.

7. (Cancelled).

8. (Currently Amended): A pluggable service delivery platform according to claim 1, wherein upon the platform running, a new kind of device can be incorporated by adding a gateway in the device-platform interface and adding an item in said device information without changing service system at ~~the~~ a back-end of the platform.

9. (Currently Amended): A pluggable service delivery platform according to claim 1, wherein upon the platform running, a new kind of service can be incorporated by adding an adapter in the service-platform interface and adding an item in said service information without modifying the programs at ~~the~~ a front-end of the platform.